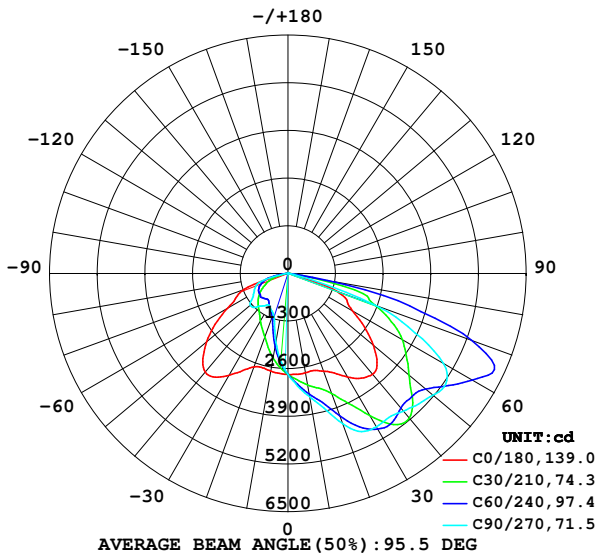
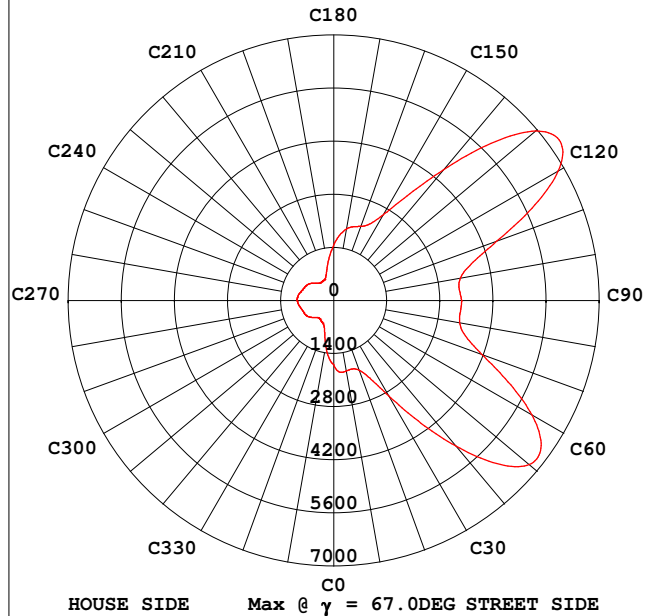


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.67 lm/W			
MODEL	LYS50	I _{max} (cd)	6954	η street_up (%)	0.0
NOMINAL POWER (W)	110	LOR (%)	100.0	η street_down (%)	76.9
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	13008	η house_up (%)	0.0
NOMINAL FLUX (lm)	13007.6	MAXIMUM @ (C, γ)	130,67.0	η house_down (%)	23.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	17.525

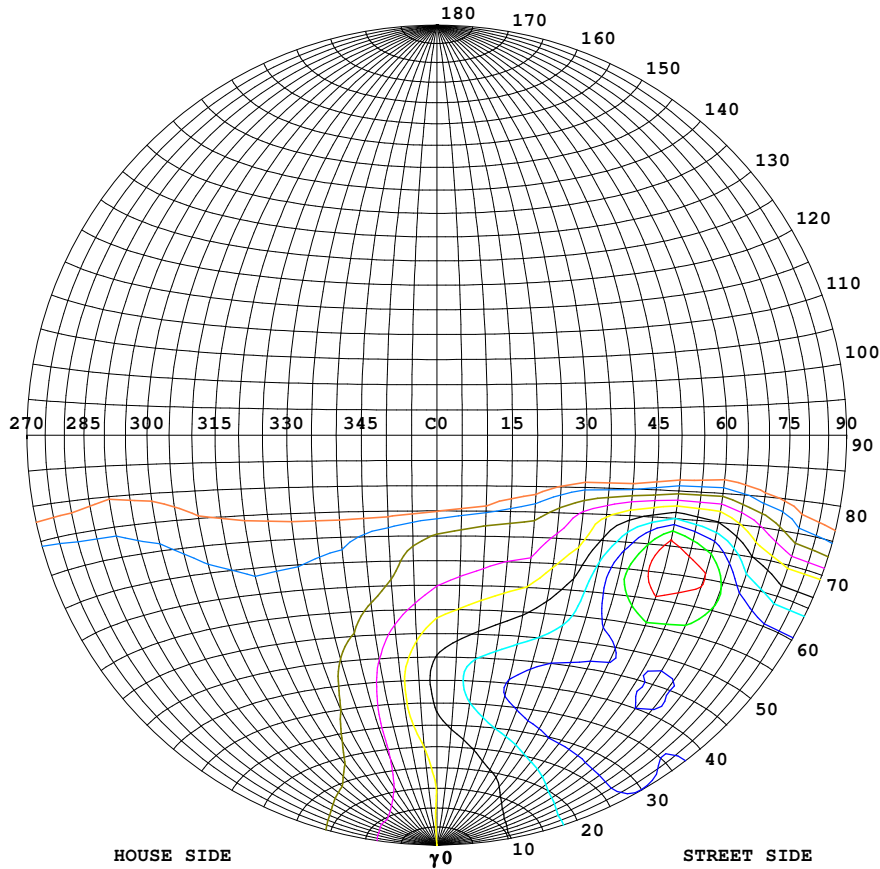
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

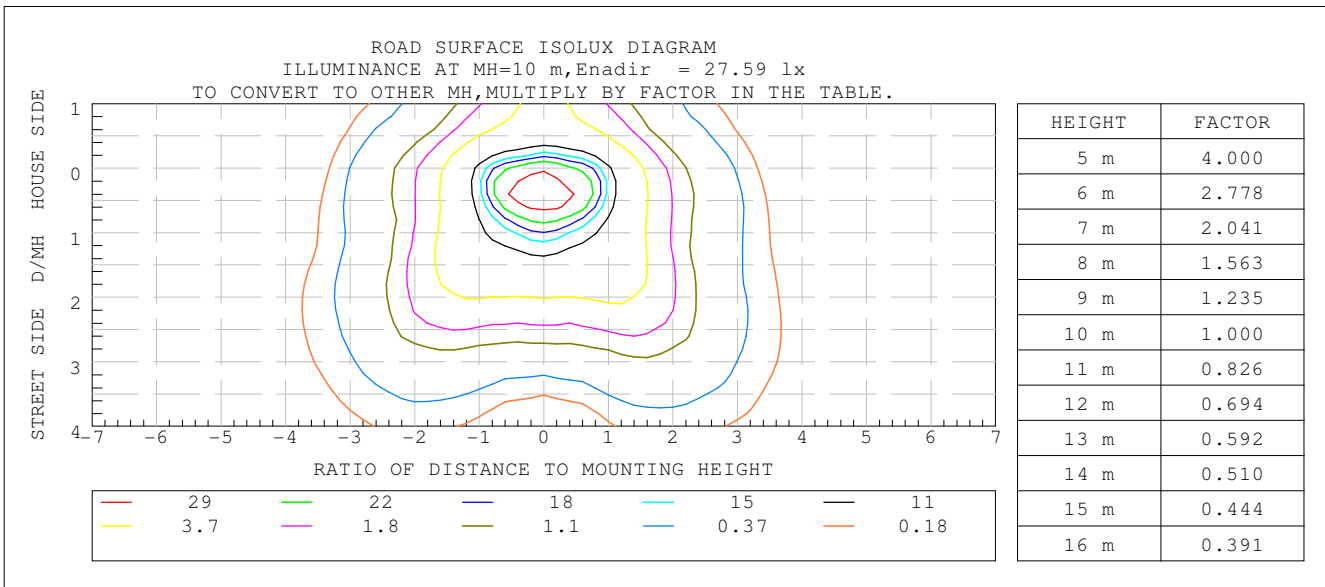
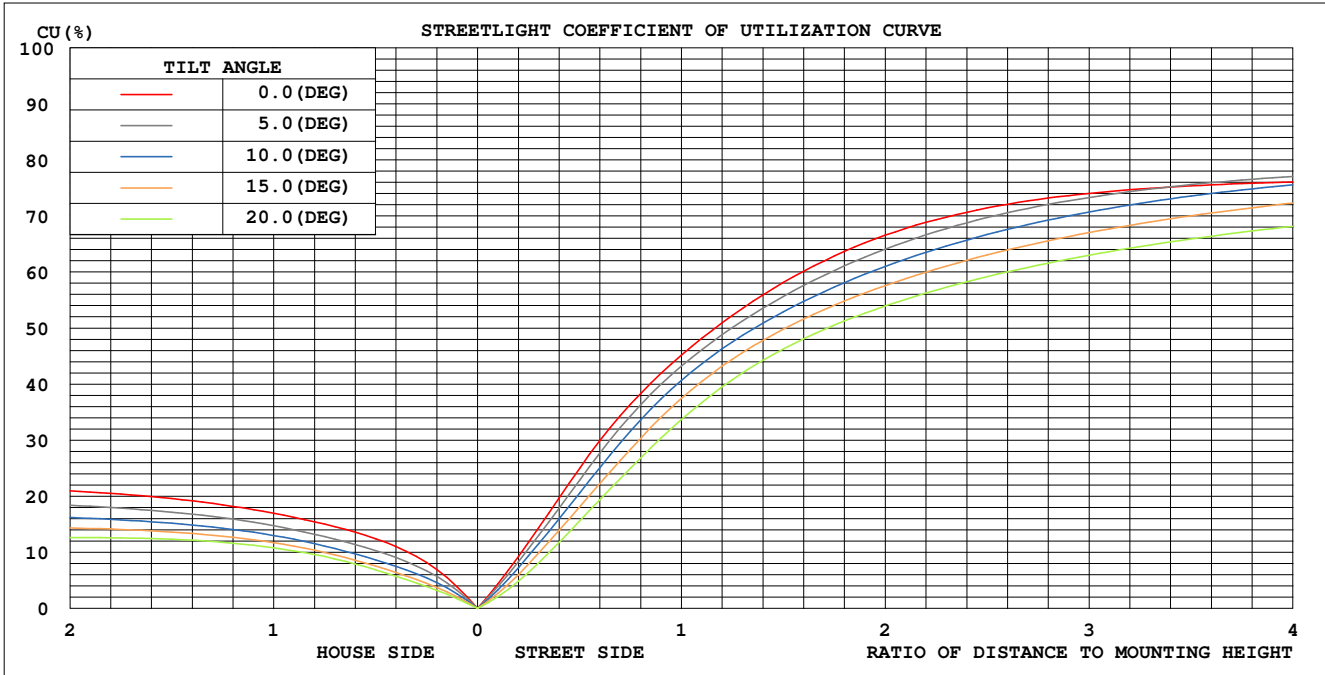
IES:Type IV - Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:106.8cd/klm
 Max.At90:0.4030cd/klm
 Max.80-90:106.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6954
90%	6259
80%	5564
70%	4868
60%	4173
50%	3477
40%	2782
30%	2086
20%	1391
10%	695
5%	348

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:30.06.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: LYS50-110W

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

ZONAL FLUX DIAGRAM

Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

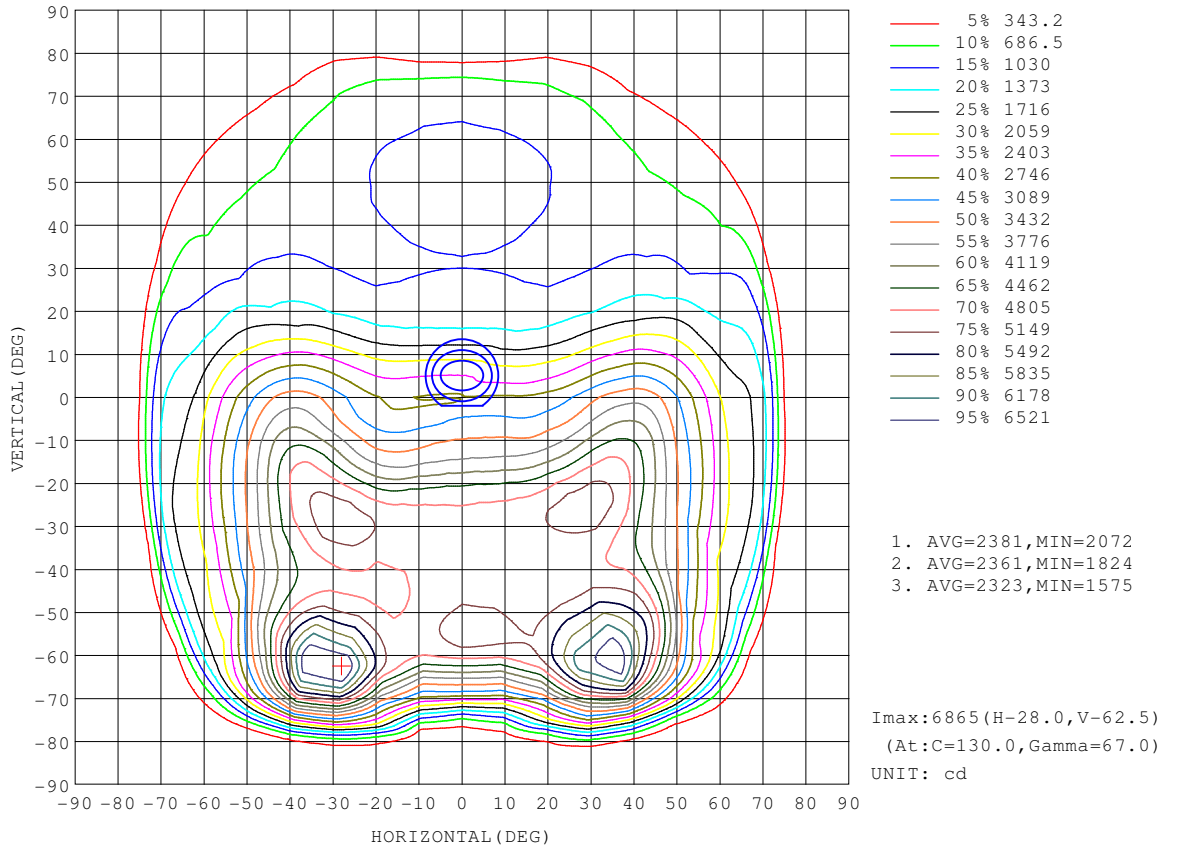
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	2752	3234	3419	3206	2707	2175	1910	2153	0- 10	260.0	260.0	2,2
20	2838	3810	4362	3683	2714	1483	1181	1485	10- 20	753.8	1014	7.79, 7.79
30	3267	4859	4828	4751	3208	1122	1021	1160	20- 30	1325	2338	18,18
40	3595	5116	4901	5439	3513	977.3	1167	1015	30- 40	1967	4305	33.1, 33.1
50	3045	4799	5169	4819	2895	913.2	1348	947.0	40- 50	2368	6673	51.3, 51.3
60	2030	5644	4894	5299	1910	813.3	1086	832.4	50- 60	2514	9187	70.6, 70.6
70	1416	5442	2494	5348	1268	571.3	902.4	554.3	60- 70	2435	11622	89.3, 89.3
80	79.26	859.0	56.38	1221	75.59	155.3	154.2	131.2	70- 80	1303	12925	99.4, 99.4
90	1.308	1.716	1.602	4.496	1.536	3.960	2.698	5.085	80- 90	82.79	13008	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

ISOCANDELA DIAGRAM

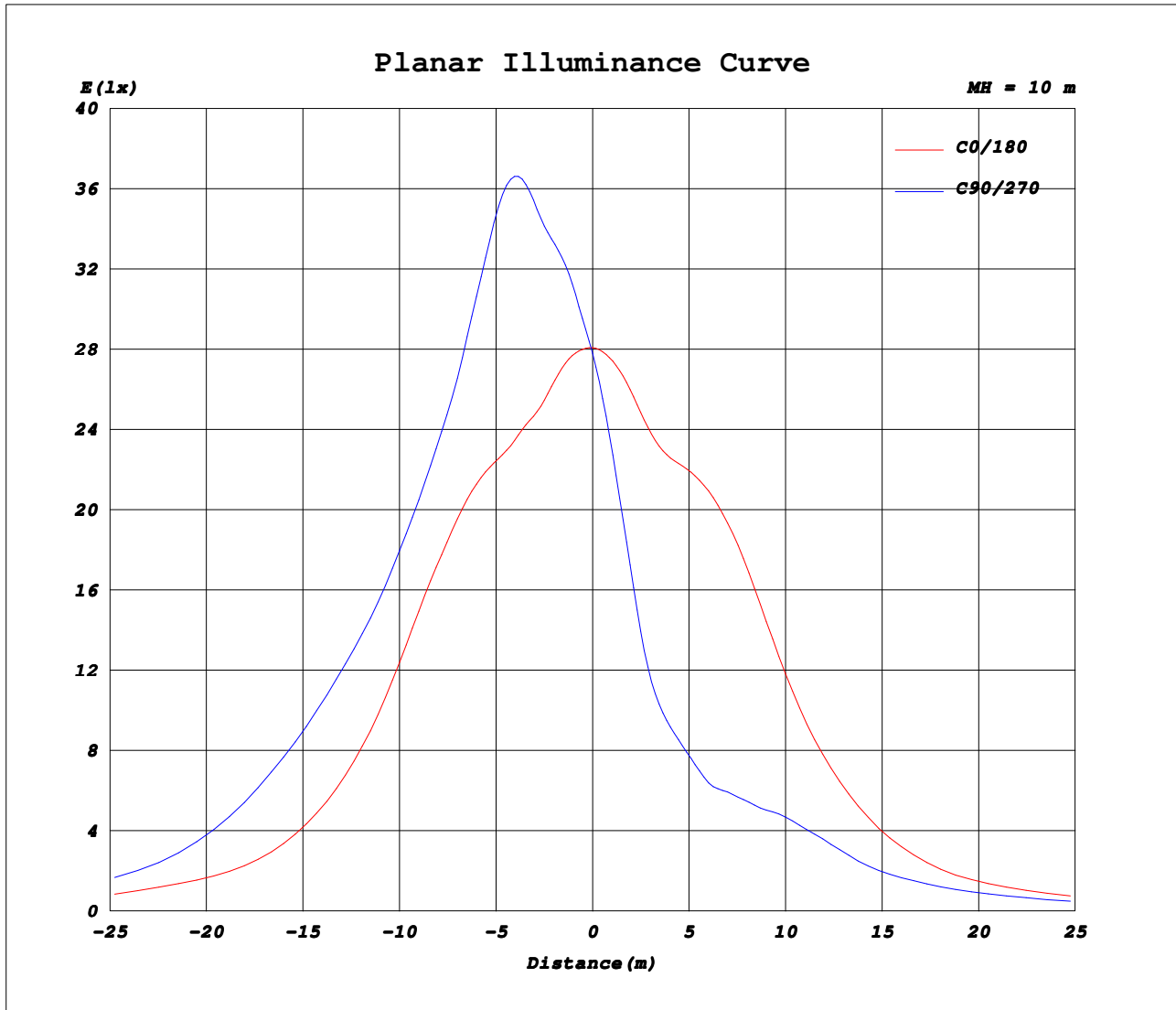
Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

Planar Illuminance Curve



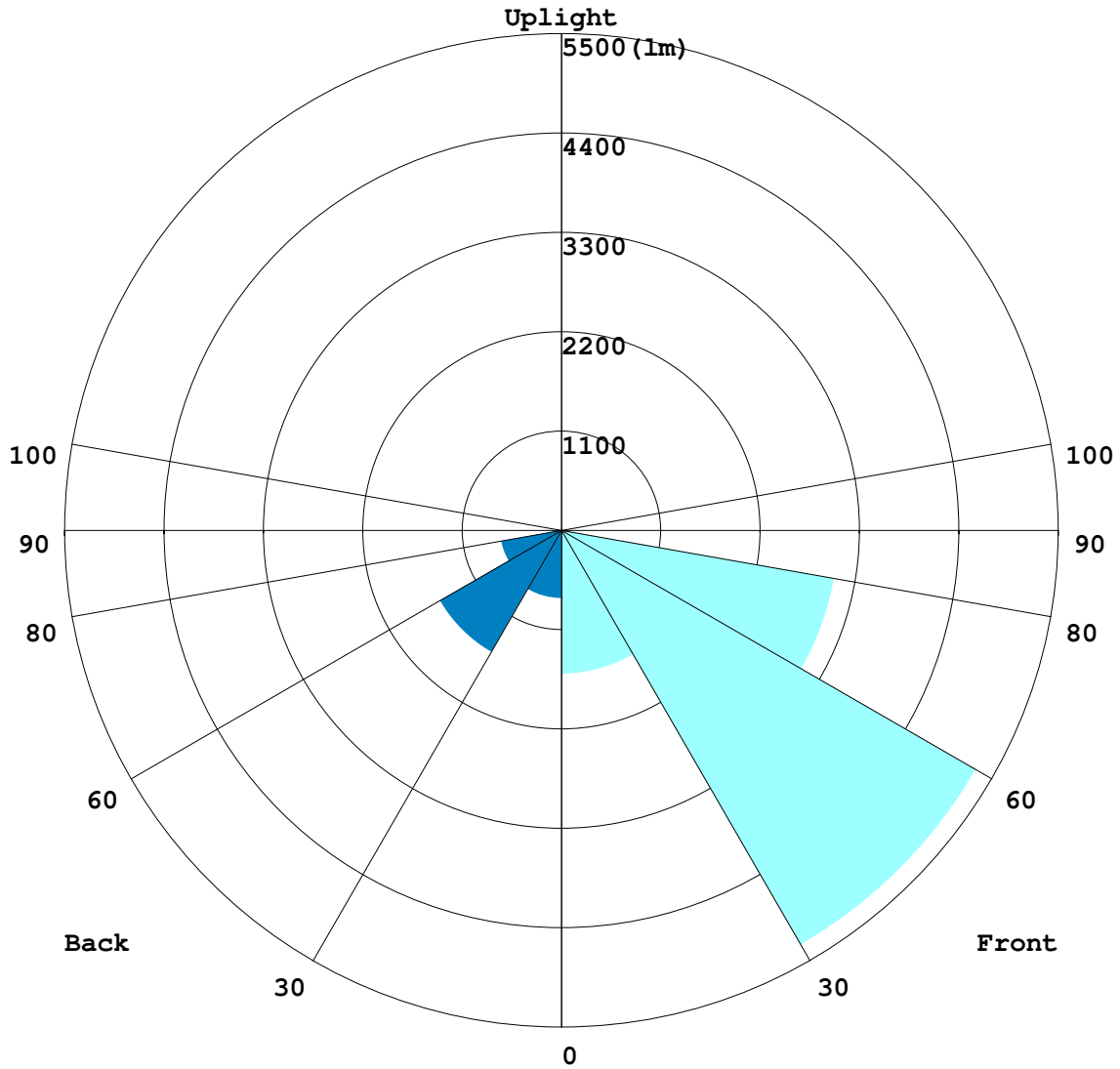
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

LCS REPORT

Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

BUG REPORT

Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1588.2	12.2
FM - Front-Medium(30-60)	5296.9	40.7
FH - Front-High(60-80)	3064.8	23.6
FVH - Front-Very High(80-90)	57.72	0.4
Total Forward Light	10008	76.9

BL - Back-Low(0-30)	750.21	5.8
BM - Back-Medium(30-60)	1551.5	11.9
BH - Back-High(60-80)	673.07	5.2
BVH - Back-Very High(80-90)	25.071	0.2
Total Back Light	2999.9	23.1

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG (Back, Up, Glare) Rating	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2999.9	0	2999.9
Street Side	10008	0	10008

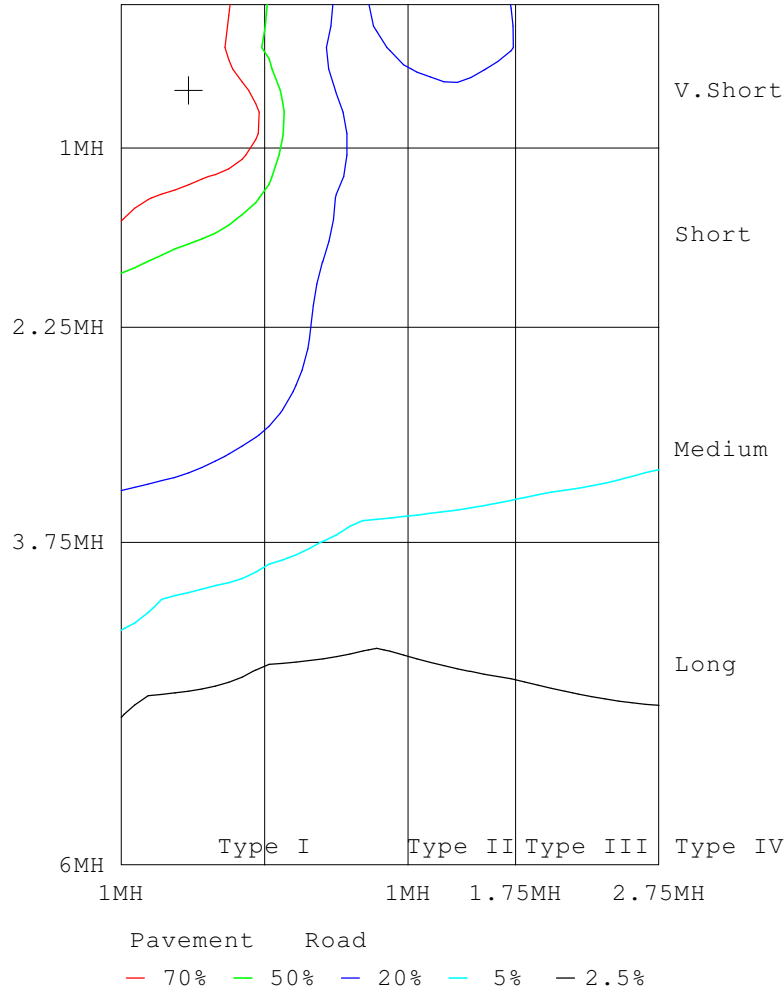
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

ROAD ISOCANDELA REPORT

Test:U:230.46V I:0.4844A P:109.61W PF:0.9818 Freq:50.01Hz Lamp Flux:13007.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS50-110W

